

Claims

1. Use of nerve growth factor (NGF) for the production of an ophthalmic preparation to be administered onto the ocular surface for therapy and/or prophylaxis of intraocular tissue pathologies.

2. Use according to claim 1, wherein said ophthalmic preparation is in form of solution or suspension, ointment, gel or liniment in combination with a pharmaceutically acceptable ophthalmic carrier or in form of ocular erodible insert or polymeric membrane "reservoir" system to be located in the conjunctiva sac or is added to a local bandage together with a therapeutic contact lens.

3. Use according to claims 1 or 2, wherein said ophthalmic preparation is suitable for therapy and/or prophylaxis of sclera, ciliary body, crystalline lens, retina, optic nerve, vitreous body and choroidea pathologies.

4. Use according to claim 3, wherein said pathologies have trophic, post-traumatic, infective, post-surgical, autoimmune, dystrophic, degenerative, post-inflammatory and laser treatment origin.

5. Use according to anyone of claims 1-4, wherein said ophthalmic preparation contains from 1 to 1000 µg/ml of NGF.

6. Use according to claim 5, wherein said ophthalmic preparation is in the form of collyrium and contains from 10 to 500 µg/ml of NGF.

7. Use according to claim 6, wherein said collyrium contains from 200-250 µg/ml of NGF.

8. Use according to anyone of claims 1-7, wherein NGF in said preparation is in association with one or

more of other active principles and/or is conjugated with a carrier molecule.

9. Use according to anyone of preceding claims wherein said NGF is of murine or human origin or it is human recombinant NGF.

10. Use of nerve growth factor (NGF) for the production of an ophthalmic preparation for therapy and/or prophylaxis of intraocular tissue pathologies, except retina and optic nerve pathologies.

11. Use according to claims 10, wherein said ophthalmic preparation is suitable for therapy and/or prophylaxis of sclera, ciliary body, crystalline lens, vitreous body and choroidea pathologies.

12. Use according to claim 11, wherein said pathologies have trophic, post-traumatic, infective, post-surgical, autoimmune, dystrophic, degenerative, post-inflammatory and laser treatment origin.

13. Use according to anyone of claims 1-4, wherein said ophthalmic preparation contains from 1 to 1000 µg/ml of NGF.

14. Use of nerve growth factor in therapy for intraocular tissue pathologies according to anyone of claims 1-13, substantially as above described.

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